CLAIMS

1. Bending press comprising:

- a stationary support structure,

- a first and a second toolholder unit movable relative to each other between an open position and a closed position,

- actuator means able to command the relative motion between the toolholder units and to apply a bending force between the stationary structure and at least one of said toolholder units,

wherein at least one of said toolholder units comprises:

- a reaction structure,

- a precision structure destined to bear a bending tool, and

- elastic means positioned between the precision structure and the reaction structure and able to allow a movement of the precision structure relative to the reaction structure under the action of the bending load.

2. Bending press as claimed in claim 1, wherein said toolholder unit comprises a plurality of elastic devices (19) distributed along its length.

3. Bending press as claimed in claim 2, wherein said elastic devices have mutually different rigidities.

4. Bending press as claimed in claim 1, wherein said toolholder unit comprises a pair of lateral beams (15) between which is positioned a central beam.

5. Bending press as claimed in claim 4, wherein the central beam is connected to the lateral beams by means of a plurality of elastic devices each of which comprises two bodies, movable relative to each other, between which are positioned elastic elements.

6. Bending press as claimed in claim 5, wherein each of said elastic devices comprises two bodies with semi-cylindrical shape with respective mutually facing surfaces, which bodies are mutually connected by guiding pivot pins.

7. Bending press as claimed in claim 6, wherein said elastic elements are positioned coaxially to said guiding pivot pins.

8. Bending press as claimed in claim 7, wherein said elastic elements comprise a plurality of Belleville washers.

9. Bending press as claimed in claim 8, wherein each of said elastic devices has end portions that engage two aligned holes of said lateral beams and a central portion which engages a hole of said central beam.